**WHAT IS CLAIMED IS:**

1. A method of manufacturing a double row ball bearing, the double row ball bearing including an inner race defining first and second inner race raceways respectively formed on an outer peripheral surface thereof, and an outer race defining first and second outer race raceways respectively formed on an inner peripheral surface thereof and corresponding to the first and second inner race raceways of the inner race to define first and second raceways for holding a first ball row and a second ball row, respectively, comprising:

fitting a first ball row including a plurality of balls into the first raceway before the outer race is mounted onto the inner race;

inserting a first retainer into the first raceway together with the first ball row;

mounting the outer race to the inner race to form the first and second raceways respectively defined between the inner race and the outer race by the mutually corresponding inner race raceways and outer race raceways of the inner race and the outer race;

inclining the axes of the inner race and inner outer race with respect to each other, so that the maximum value of a first clearance between a ball-fitting-direction rearward side edge portion of the second inner race raceway of the inner race forming the second raceway and a ball-fitting-direction rearward side edge portion of the second outer race raceway of the outer race forming the second raceway is larger than an outer diameter of each ball of the second ball row, and the maximum value of a second clearance between a ball-fitting-direction forward side edge portion of the second inner race raceway of the inner race forming the second raceway and a ball-fitting-direction forward side edge portion of the second outer race raceway of the outer race forming the second raceway is smaller than the outer diameter of each ball of the second ball row, fitting the second ball row including a plurality of balls into the second raceway after the outer race and inner race are mounted and inclined with respect to each other; and

inserting a second retainer into the second raceway together with the second ball row.

2. The method of manufacturing a double row ball bearing according to claim 1, wherein, during the fitting of the second ball row with the plurality of balls into the second raceway, the outer race is held so as to extend in a vertical direction.